

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	291	LINCOLN NEAR2 ELECTRIC	USPAT	OR	OFF	2008/12/03 11:20
L2	2	L1 and lincore	USPAT	OR	OFF	2008/12/03 11:20
L3	12	L1 AND WELD\$4 NEAR3 (ELECTRODE STICK) same nickel	USPAT	OR	OFF	2008/12/03 11:20
L4	102	219/54.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/12/03 11:40
L5	0	4 and (MN maganese) same (NI nickel) same (si silicon) same (C carbon)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/12/03 11:42
L6	815	228/119.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/12/03 11:43
L7	6	(4 or 6) and ((MN maganese) same (NI nickel) same (si silicon) same (C carbon)).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/12/03 11:43
L8	2	"20070007251"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/03 11:56
L9	1798	219/137wm.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/03 12:25
L10	24	9 and ((MN maganese) same (NI nickel) same (si silicon) same (C carbon)).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/12/03 12:25
S1	22	"5175405" "639020"	USPAT	OR	OFF	2008/01/23 08:21
S3	17	(repair\$3 with rail).ti.	USPAT	OR	OFF	2008/01/23 08:38

S4	31	"6407364" "6278074" "6278074" "6207920" "6201216" "5605283" "6396020"	USPAT	OR	OFF	2008/01/23 11:55
S5	18	228/119.ccls. and rail	USPAT	OR	OFF	2008/01/23 08:48
S6	1	(S1 S2 S3 S4) and (remov\$3 cut\$4out) near (defective defect broke crack stressed void)	USPAT	OR	OFF	2008/01/24 08:27
S7	14	(S1 S2 S3 S4) and (defective defect broke crack stressed void)	USPAT	OR	OFF	2008/01/23 08:50
S8	4	high near2 carbon with steel near electrode and weld\$3	USPAT	OR	OFF	2008/01/23 11:57
S9	13	carbon near steel near electrode and weld\$3	USPAT	OR	OFF	2008/01/23 12:01
S10	20	"5773579" "5877868" "6069333" "6166347" "6201216"	USPAT	OR	OFF	2008/01/23 11:58
S11	5067	steel near4 electrode	USPAT	OR	OFF	2008/01/23 12:01
S14	422	steel near4 electrode with carbon	USPAT	OR	OFF	2008/01/23 12:01
S15	4	steel near4 electrode with high near carbon	USPAT	OR	OFF	2008/01/23 14:50
S16	11	weld\$3 near3 electrode same carbon same (maganese mn) same (nickel ni) same (silicon si)	USPAT	OR	OFF	2008/01/23 15:00
S17	17	weld\$3 near3 electrode same high near carbon	USPAT	OR	OFF	2008/01/23 15:00
S18	419	weld\$3 near3 electrode same carbon	USPAT	OR	OFF	2008/01/23 15:00
S19	47	weld\$3 near3 electrode same carbon same (manganese mn) same (nickel ni) same (silicon si)	USPAT	OR	OFF	2008/01/23 15:12
S20	61	weld\$3 near3 (electrode wire rod) same high near2 carbon	USPAT	OR	OFF	2008/01/23 15:14
S21	5	"3851142"	USPAT	OR	OFF	2008/01/23 15:14

S22	3	"4994640"	US-PGPUB; USPAT	OR	OFF	2008/01/24 08:15
S23	743380	electrode with remov \$3 hydrogen	US-PGPUB; USPAT	OR	OFF	2008/01/24 08:15
S24	267	electrode with remov \$3 near2 hydrogen	US-PGPUB; USPAT	OR	OFF	2008/01/24 08:17
S25	1	weld\$3 near2 electrode with remov\$3 near2 hydrogen	US-PGPUB; USPAT	OR	OFF	2008/01/24 08:16
S26	2	electrode with remov \$3 near2 hydrogen same embrittlement	US-PGPUB; USPAT	OR	OFF	2008/01/24 09:07
S27	22	"5175405" "639020"	USPAT	OR	OFF	2008/01/24 08:28
S28	1	"20040235658"	US-PGPUB; USPAT	OR	OFF	2008/01/24 08:28
S29	17	(repair\$3 with rail).ti.	USPAT	OR	OFF	2008/01/24 08:28
S30	31	"6407364" "6278074" "6278074" "6207920" "6201216" "5605283" "6396020"	USPAT	OR	OFF	2008/01/24 08:28
S31	10	(S27 S28 S29 S30) and (reduc\$3 minimiz\$) with (heat HAZ)	USPAT	OR	OFF	2008/01/24 08:59
S32	7	"200302470"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/24 09:00
S33	85	remov\$3 near2 hydrogen same embrittlement	US-PGPUB; USPAT	OR	OFF	2008/01/24 09:09
S34	1	S33 same weld\$3 near (electrode wire rod)	US-PGPUB; USPAT	OR	OFF	2008/01/24 09:08
S35	154	hydrogen near2 embrittlement same weld\$3	US-PGPUB; USPAT	OR	OFF	2008/01/24 09:09
S36	11	hydrogen near2 embrittlement same weld\$3 near (electrode wire rod)	US-PGPUB; USPAT	OR	OFF	2008/01/24 09:33
S37	5	((RICHARD) near2 (KRAL)).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/24 09:54
S38	2	((SHANE) near2 (MAYHILL)).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/24 09:54

S39	3	((MARK) near2 (ROVNYAK)).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/24 09:54
S40	2	((DANIEL) near2 (COOMER)).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/24 09:54
S41	235	repair same remove near3 portion	USPAT	OR	OFF	2008/01/29 10:18
S42	1	repair with metallic same remove near3 portion	USPAT	OR	OFF	2008/01/29 10:18
S43	3	remove near3 portion same fill near4 molten	USPAT	OR	OFF	2008/01/29 10:19
S44	0	remove near3 defect same fill near4 molten	USPAT	OR	OFF	2008/01/29 10:20
S45	6	remove near3 defect same molten	USPAT	OR	OFF	2008/01/29 10:20
S46	4	remove near3 defect same casting	USPAT	OR	OFF	2008/01/29 10:21
S47	23	remov\$4 near3 defect same casting	USPAT	OR	OFF	2008/01/29 10:21
S48	20	("20030037436"   "3310423"   "3690367"   "4705203"   "4714101"   "4878953"   "4960611"   "4969501"   "5167734"   "5193272"   "5312584"   "5701669"   "5837960"   "5914059"   "6024792"   "6054672"   "6073677"   "6084196"   "6615470").PN. OR ("7169242").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/29 10:23
S49	38	("3487530"   "3609287"   "3761201"   "3806693"   "4068111"   "4127762"   "4160150"   "4357517"   "4592268"   "5111570"   "5185924"   "5272809"   "5479704"   "5806751"   "6115917"   "6128820"   "6145194"   "6148517"   "6154959"   "6158955"   "6172327"   "6331361"   "6332272"   "6339878"   "6370752"   "6385836"   "6426152"	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/29 10:24

		"6454156"     "6464128"   "6470568"   "6490791"   "6508000").PN. OR ("6615470").URPN.				
S50	27	("0906021"   "3308266"   "3802348"   "4236453"   "4272664"   "4313382"   "4315129"   "4414454"   "4641818"   "4672173"   "4686341"   "4716836"   "4929816"   "5136140"   "5175405"   "5181472"   "5215139"   "5270514"   "5306361"   "5469791"   "5575416"   "5605283").PN. OR ("6396020").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/29 10:32
S51	20	remov\$4 near3 defect same molten	USPAT	OR	OFF	2008/01/29 10:36
S52	44	repair\$3 same defect \$3 with (remov\$3 cut \$5) same (molten casting)	USPAT	OR	OFF	2008/01/29 10:42
S53	13	remov\$3 near3 (defect inclusion portion) same (fill pour) near4 molten	USPAT	OR	OFF	2008/01/29 10:45
S54	116	remov\$3 near3 (defect inclusion portion) same (fill\$3 pour\$3) near4 molten	USPAT	OR	OFF	2008/01/29 10:45
S55	18	(remov\$3 cut cutting cutout slice slicing abrading grind grinding ground) near3 (defect inclusion damaged) same (fill\$3 pour\$3) near4 molten	USPAT	OR	OFF	2008/01/30 14:14
S56	38	repair\$3 same rail same (cutting slotting)	USPAT	OR	OFF	2008/08/29 09:13
S57	4	repair\$3 same rail same plug same weld \$3	USPAT	OR	OFF	2008/08/29 09:19

S58	12	("3308266"   "4672173"   "4929816"   "5215139"   "5306361"   "5469791"   "5575416"   "5605283"   "6396020").PN. OR ("6787726").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/29 13:56
S59	13	("3308266").URPN.	USPAT	OR	OFF	2008/08/29 13:59
S60	1369	remov\$3 with portion with rail	USPAT	OR	OFF	2008/08/29 14:01
S61	1	remov\$3 with portion with rail with defect same weld\$4	USPAT	OR	OFF	2008/08/29 14:01
S62	422	WELD\$5 WITH (BEVEL \$5) WITH (FLAT OR PLANAR OR FLOOR)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/09/03 14:28
S63	23	S62 AND (REPAIR\$5 OR RENEW\$9 OR RESTOR\$9) WITH WELD\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/09/03 14:29
S64	111	WELD\$5 WITH (BEVEL \$5) WITH (FLAT OR PLANAR OR FLOOR OR SQUARE OR RECTANGUL\$9) WITH (GRIND\$5 OR CUT OR CUTS OR CUTTING OR MACHINE OR MACHINED OR MACHINES OR MACHINING)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/09/03 14:36
S65	0	WELD\$5 WITH (BEVEL \$5) WITH (RAILWAY OR RAILROAD) WITH (RAIL OR RAILS) WITH (REPAIR\$5 OR RENEW \$5 OR RESTOR\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/09/03 14:39
S66	0	(BEVEL\$5) WITH (RAILWAY OR RAILROAD) WITH (RAIL OR RAILS) WITH (REPAIR\$5 OR RENEW \$5 OR RESTOR\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/09/03 14:39
S67	649	(RAILWAY OR RAILROAD) WITH (RAIL OR RAILS) WITH (REPAIR\$5 OR RENEW \$5 OR RESTOR\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/09/03 14:39

S68	110	(RAILWAY OR RAILROAD) WITH (RAIL OR RAILS) WITH (REPAIR\$5 OR RENEW \$5 OR RESTOR\$5) WITH (GRIND\$5 OR CUT OR CUTS OR CUTTING OR MACHINE OR MACHINED OR MACHINES OR MACHINING)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/09/03 14:40
S69	34	KILEY AND (RAILROAD OR RAILWAY)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/09/03 14:45
S70	2	"6570118".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/09/03 15:30
S71	8	("3308266"   "4315129"   "4672173"   "4686341"   "4959523"   "6201216"   "6278074").PN. OR ("6570118").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/03 15:30
S72	1	"20020125216"	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/03 15:32
S73	2	"4672173".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/09/03 15:43
S75	1	maganese same nickel same silicon same carbon same electrode same rail	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/12/03 08:50
S76	4445	(MN maganese) same (NI nickel) same (si silicon) same (C carbon) SAME WELD\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/12/03 08:53
S77	341	(MN maganese) same (NI nickel) same (si silicon) same (C carbon) SAME WELD\$4 NEAR4 ELECTRODE	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/12/03 08:54
S78	2	(MN maganese) same (NI nickel) same (si silicon) same (C carbon) SAME WELD\$4 NEAR4 ELECTRODE SAME RAIL	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/12/03 08:54

S79	2	LINCOLN NEAR2 ELECTRIC WITH LINCORE	USPAT	OR	OFF	2008/12/03 09:42
S80	2	LINCOLN NEAR2 ELECTRIC AND LINCORE	USPAT	OR	OFF	2008/12/03 09:42
S81	291	LINCOLN NEAR2 ELECTRIC	USPAT	OR	OFF	2008/12/03 09:42
S82	174	S81 AND WELD\$4 NEAR3 (ELECTRODE STICK)	USPAT	OR	OFF	2008/12/03 09:42

12/ 3/ 2008 12:32:56 PM

C:\ Documents and Settings\ ndaniello\ My Documents\ EAST\ Workspaces\ RAI Lrepair.wsp